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PTO/SB/50 (06-03)

Approved for use through 01/31/2004. OMB 0651-0033

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## REISSUE PATENT APPLICATION TRANSMITTAL

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Attorney Docket No.	6192.0136.US
First Named Inventor	Woon-Yong PARK
Original Patent Number	US 6,380,559 B1
Original Patent Issue Date (Month/Day/Year)	4/30/2002
Express Mail Label No.	

### APPLICATION FOR REISSUE OF:

(Check applicable)



Utility Patent



Design Patent



Plant Patent

### APPLICATION ELEMENTS (37 CFR 1.173)

1. ☒ Fee Transmittal Form (PTO/SB/56)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification and Claims in double column copy of patent format (amended, if appropriate)
4. ☒ Drawing(s) (proposed amendments, if appropriate)
5. ☐ Reissue Oath/Declaration (original or copy)  
(37 C.F.R. 1.175) (PTO/SB/51 or 52)
6. ☐ Power of Attorney
7. ☐ Original U.S. Patent currently ☒ Yes ☐ No  
(If Yes, check applicable box(es))
  - ☐ Written Consent of all Assignees (PTO/SB/53)
  - ☐ 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)
8. ☐ CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table
9. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all of the following are necessary)
  - a. ☐ Computer Readable Form (CFR)
  - b. Specification Sequence Listing on:
    - i ☐ CD-ROM (2 copies) or CD-R (2 copies); or
    - ii ☐ paper
  - c. ☐ Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

10. ☒ Statement of status and support for all changes to the claims. See 37 CFR 1.173 (c).
11. ☐ Original Patent Grant
  - ☐ Ribbioned Original Patent Grant
  - ☐ Statement of Loss (PTO/SB/55)
12. ☐ Foreign Priority Claim (35 U.S.C. 119)  
(if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ English Translation of Reissue Oath/Declaration  
(if applicable)
15. ☒ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
17. Other: \_\_\_\_\_

### 18. CORRESPONDENCE ADDRESS



Customer Number:



OR Correspondence address below

Name	McGuireWoods LLP				
Address	1750 Tysons Boulevard,				
	Suite 1800	Zip Code	22102		
City	McLean	State	VA	Fax	703.712.5280
Country	US	Telephone	703.712.5365		

NAME (Print/Type)

Hae-Chan Park

Registration No. (Attorney/Agent)

50,114

Signature

Date


December 31, 2003

This collection of information is required by 37 CFR 1.173. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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REISSUE APPLICATION FEE TRANSMITTAL FORM						Docket Number 6192.0136.US		
Claims as Filed - Part 1								
Claims in Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity		
				Rate	Fee			
(A)	Total Claims (37 CFR 1.16(j))	(B) 17	**** =	x \$ 9 =	\$0	or	x \$ 18 = \$0	
(C)	Independent claims (37 CFR 1.16(i))	(D) 3	* =	x \$ 43 =	\$0		x \$ 86 = \$0	
Basic Fee (37 CFR					\$385			\$770
Total Filing Fee					\$385		\$770	
Claims as Amended - Part 2								
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	*** 34	MINUS	** 62	= 0	x \$ 9 =	\$0	x \$ 18 =	\$0
Independent Claims (37 CFR 1.16(i))	*** 6	MINUS	***** 9	= 0	x \$ 43 =	\$0	x \$ 86 =	\$0
Total Additional Fee					\$0	OR		\$0
<p>* If the entry in (D) is less than the entry in (C), Write "0" in column 3.</p> <p>** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.</p> <p>*** After any cancellation of claims.</p> <p>**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).</p> <p>***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is _____</p> <p><input type="checkbox"/> The Director is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. _____ A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> A check in the amount of \$ _____ to cover the filing / additional fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>December 31, 2003 Date</p> <p>50,114 Registration Number, if applicable</p> <p> Signature of Applicant, Attorney or Agent of Record</p> <p>Hae-Chan Park Typed or printed name</p>								

McGuireWoods LLP  
1750 Tysons Boulevard  
Suite 1800  
McLean, VA 22102-4215  
Phone: 703.712.5000  
Fax: 703.712.5050  
www.mcguirewoods.com

Hae-Chan Park  
Direct: 703.712.5365

McGUIREWOODS

hpark@mcguirewoods.com  
Direct Fax: 703.712.5280

December 31, 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent Application  
Application No. Unassigned  
Filed: December 31, 2003  
**THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID CRYSTAL  
DISPLAY**  
Inventor: Woon-Yong PARK, *et al.*  
Our Ref: 6192.0136.USRE

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. a transmittal letter;
2. a Reissue Patent Application Transmittal;
3. a Reissue Application Fee Transmittal Form;
4. a specification and claims in double column copy of the patent with 24 columns and 74 sheets of drawings consisting of Figures 1-5, 6A-6C, 7A-7C, 8A-8C, 9A, 9B, 10A, 10B, 11A, 11B, 12, 13A, 13B, 14A, 14B, 15A, 15B, 16A, 16B, 17A, 17B, 18-29, 30A-30C, 31, 32A, 32B, 33A, 33B, 34A, 34B, 35A, 35B, 36A, 36B, 37A, 37B, 38A, 38B, 39, 40, 41A, 41B, 42A, 42B, 43-45, 46A, 46B, 47A, 47B, 48A, and 48B;
5. a Statement of Status and Support for All Changes to the Claims Under 37 C.F.R. §1.173(c);
6. a Preliminary Amendment; and
7. two acknowledgement postcards.

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

U.S. Patent & Trademark Office  
December 31, 2003  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 6192.0136.US.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Hae-Chan Park", written in a cursive style.

Hae-Chan Park  
Reg. No. 50,114

HCP/jeh  
Enclosures

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Woon-Yong PARK, *et al.*

Art Unit: To be assigned

Application No.: To be assigned

Examiner: To be assigned

Filed: Herewith

Atty. Docket: 6192.0136.US

For: **THIN FILM TRANSISTOR ARRAY SUBSTRATE  
FOR A LIQUID CRYSTAL DISPLAY**

**STATEMENT OF STATUS AND SUPPORT FOR ALL CHANGES TO THE  
CLAIMS UNDER 37 C.F.R. §1.173 (c)**

Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The following is a statement of status and support for all changes to the claims in regards to the above-identified application, filed herewith, under 37 C.F.R. §1.173 (c).

Claims 1-17 are pending. Of claims 1-17, claims 1, 4, and 12 are independent. It is believed that the amendments to claims 1, 4 and 12 do not add new matter to the application.

Support for the amendments made to claims 1, 4 and 12 may be found at least in Fig. 6A where it is shown that the gate electrode 26 is connected to the gate line 22 and in Fig. 7A where it is shown that the source electrode 65 is connected to the data line 62.

### **Conclusion**

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,



Hae-Chan Park  
Registration No. 50,114

Date: December 31, 2003

**McGUIRE WOODS LLP**  
1750 Tysons Boulevard  
Suite 1800  
McLean, VA 22102-4215  
(703) 712-5000

\\COM\379192.1